

The following Listing of the Claims will replace all prior versions and all prior listings of the claims in the present application:

Listing of The Claims:

1. (Currently Amended): An isolated Tumstatin fragment comprising amino acid residues 77-95 of SEQ ID NO:10, and having the ability to inhibit tumor growth.
2. (Currently Amended): An [The] isolated polypeptide having the amino acid sequence of [fragment of Claim 1, wherein the fragment is] SEQ ID NO:37.
3. (Original) The isolated fragment of Claim 1, wherein the fragment is reduced.
4. (Original) The isolated fragment of Claim 1, wherein the fragment is alkylated.
5. (Original) The isolated fragment of Claim 1, wherein the fragment is oxidized.
6. (Currently Amended) An isolated mutated fragment comprising amino acid residues 77-95 of SEQ ID NO:10, wherein one or more, and five or fewer, amino acids have been substituted, and wherein the mutated fragment has the ability to inhibit tumor growth.
7. (Original) The isolated mutated fragment of Claim 6, wherein the fragment is reduced.
8. (Original) The isolated mutated fragment of Claim 6, wherein the fragment is alkylated.
9. (Original) The isolated mutated fragment of Claim 6, wherein the fragment is oxidized.
10. (Currently Amended) The isolated fragment of Claim 1 [6], wherein the fragment is SEQ ID NO:38.
11. (Currently Amended) The isolated fragment of Claim 1 [6], wherein the fragment is SEQ ID NO:39.
12. (Currently Amended) The isolated fragment of Claim 1 [6], wherein the fragment is SEQ ID NO:40.

13. (Currently Amended) The isolated fragment of Claim 1 [6], wherein the fragment is SEQ ID NO:41.
14. (Currently Amended) The isolated fragment of Claim 1 [6], wherein the fragment is SEQ ID NO:42.
15. (Currently Amended) An isolated Tumstatin fragment comprising amino acid residues 77-95 fragment of SEQ ID NO:10, and having the ability to inhibit angiogenesis.
16. (Original) The isolated fragment of Claim 15, wherein the fragment is SEQ ID NO:37.
17. (Original) The isolated fragment of Claim 15, wherein the fragment is reduced.
18. (Original) The isolated fragment of Claim 15, wherein the fragment is alkylated.
19. (Original) The isolated fragment of Claim 15, wherein the fragment is oxidized.
20. (Currently Amended) An isolated mutated fragment comprising amino acid residues 77-95 of SEQ ID NO:10, wherein one or more, and five or fewer, amino acids have been substituted, and wherein the mutated fragment has the ability to inhibit angiogenic activity.
21. (Original) The isolated mutated fragment of Claim 20, wherein the fragment is reduced.
22. (Original) The isolated mutated fragment of Claim 20, wherein the fragment is alkylated.
23. (Original) The isolated mutated fragment of Claim 20, wherein the fragment is oxidized.
24. (Original) The isolated fragment of Claim 20, wherein the fragment is SEQ ID NO:38.
25. (Original) The isolated fragment of Claim 20, wherein the fragment is SEQ ID NO:39.
26. (Original) The isolated fragment of Claim 20, wherein the fragment is SEQ ID NO:40.
27. (Original) The isolated fragment of Claim 20, wherein the fragment is SEQ ID NO:41.
28. (Original) The isolated fragment of Claim 20, wherein the fragment is SEQ ID NO:42.

29. (Currently Amended): An isolated Tumstatin fragment comprising amino acid residues 77-95 of SEQ ID NO:10, and having the ability to inhibit protein synthesis in endothelial cells.
30. (Original) The isolated fragment of Claim 29, wherein the fragment is SEQ ID NO:37.
31. (Original) The isolated fragment of Claim 29, wherein the fragment is reduced.
32. (Original) The isolated fragment of Claim 29, wherein the fragment is alkylated.
33. (Original) The isolated fragment of Claim 29, wherein the fragment is oxidized.
34. (Currently Amended) An isolated mutated fragment comprising amino acid residues 77-95 of SEQ ID NO:10, wherein one or more, and five or fewer, amino acids have been substituted, and wherein the mutated fragment has the ability to inhibit protein synthesis in endothelial cells.
35. (Original) The isolated mutated fragment of Claim 34, wherein the fragment is reduced.
36. (Original) The isolated mutated fragment of Claim 34, wherein the fragment is alkylated.
37. (Original) The isolated mutated fragment of Claim 34, wherein the fragment is oxidized.
38. (Original) The isolated fragment of Claim 34, wherein the fragment is SEQ ID NO:38.
39. (Original) The isolated fragment of Claim 34, wherein the fragment is SEQ ID NO:39.
40. (Original) The isolated fragment of Claim 34, wherein the fragment is SEQ ID NO:40.
41. (Original) The isolated fragment of Claim 34, wherein the fragment is SEQ ID NO:41.
42. (Original) The isolated fragment of Claim 34, wherein the fragment is SEQ ID NO:42.
51. (Original) The isolated fragment of Claim 29, wherein the protein synthesis is cap-dependent protein synthesis.

54. (Original) The isolated fragment of Claim 29, wherein the endothelial cells express the $\alpha_v\beta_3$ integrin.